

NPDES Permit No. IL0002674
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US EPA RECORDS CENTER REGION 5



474293

National Pollutant Discharge Elimination System (NPDES)
Permit Program

PUBLIC NOTICE/FACT SHEET
of

Proposed Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA
Division of Water Pollution Control
Permit Section
2200 Churchill Road
Springfield, Illinois 62706
217/782-0610

Name and Address of Discharger:

United States Steel Corporation
600 Grant Street
Pittsburgh, Pennsylvania 15230

Name and Address of Facility:

United States Steel Corporation
Joliet Works
1807 East 23th Street
Joliet, Illinois 60432
Will County

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue an NPDES permit to discharge into the waters of the state and has prepared a draft permit for the above named discharger.

Length of Permit:

Approximately 5 Years

Name of Receiving Waters:

Illinois and Michigan Canal and Des
Plaines River via East Wall Sewer
via the Penitentiary Ditch

Classification of Receiving Waters:

General Use

The following water quality and effluent standards and limitations were applied to the discharge:

Except as otherwise noted the effluent concentrations and load limitations (including toxics) were based on effluent and, if applicable, water quality limitations specified in Illinois Pollution Control Board (IPCB), Rules and Regulations, Subtitle C: Water Pollution.

The facility manufactures steel wires, nails, and splice bars and rods from billets (SIC 3312). The operation is hot drawn. Plant operation results in an average discharge of .58 MGD of Blowdown from recirculation system of treated process wastewater and noncontact cooling water from outfall 001, .137 MGD of overflow from combined sewer for non-contact cooling water and storm runoff from outfall 002.

Flow will be monitored. The primary parameters to be monitored and limited are pH, Total Suspended Solids, Oils, Fats and Grease.

Application is made for the existing discharge which are located in Will County, Illinois at latitude 41° 32' 24" and longitude 88° 04' 47" from outfall 001 and latitude 41° 32' 24" and longitude 88° 04' 40" for outfall 002.

Monitoring frequencies and reporting requirements were established by using the authority set forth in IPCB, Subtitle C: Water Pollution and/or using the authority provided in Section 402(a)(1) of the Clean Water Act.

Load limitations were calculated as follows:

- (A) Average or Maximum Flow (MGD) X Concentration Limit (mg/l) X 8.34 = lbs/day; and/or
- (B) Average Monthly Production or Daily Production X Effluent Limitation from Federal Regulations = lbs/day.

The effluent limitations and special conditions, if applicable, are appended as a part of the draft permit.

Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. The NPDES permit and notice number(s) must appear on each comment page. Any interested person may submit a written request for a public hearing on the draft permit, stating his or her name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday.

All comments on the draft permit and requests for hearing must be received by the IEPA not later than 30 days from the date of this publication. If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing. For further information call the Public Notice Clerk at 217/782-0610.